

5683

DECLARATION AND POWER OF ATTORNEY

We, the below named inventors, hereby declare that:

Our residences, post office addresses, and citizenships are as stated below next to our respective names.

We believe we are the original, first, and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled BONDED WAFER OPTICAL MEMS PROCESS, the specification of which was filed with the United States Patent and Trademark Office on August 3, 2001 as Serial No. 09/921,456. This application claims priority to U.S. Provisional Patent Application No. 60/222,751 filed on August 3, 2000.

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02/08/02

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

We acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.

We hereby declare that all statements are made hereby of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And we hereby appoint:

Maurice E. Gauthier	-	Reg. No. 20,798
Richard L. Stevens	-	Reg. No. 24,445
Matthew E. Connors	-	Reg. No. 33,298
William E. Hilton	-	Reg. No. 35,192
Patrick J. O'Shea	-	Reg. No. 35,305
Arlene J. Powers	-	Reg. No. 35,985
Richard L. Stevens, Jr.	-	Reg. No. 44,357

all of the firm of Samuels, Gauthier & Stevens, our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

We request that all correspondence be directed to:

Samuels, Gauthier & Stevens, LLP  
225 Franklin Street, Suite 3300  
Boston, MA 02110

Attn: Matthew E. Connors

Timothy J. Brosnihan

(Full Name of Inventor)

1/9/02

(Date)

USA

(Citizenship)

Michael W. Judy

(Full Name of Inventor)

1/9/02

(Date)

USA

(Citizenship)

Timothy J. Brosnihan

(Inventor's Signature)

112 Bacon Street  
Natick, MA 01670

(Residence)

(Post Office Address)

Michael W. Judy

(Inventor's Signature)

95 Chestnut Street  
Wakefield, MA 01880

(Residence)

(Post Office Address)

## RECORDATION FORM COVER SHEET

PATENTS ONLY

HONORABLE COMMISSIONER OF  
PATENTS AND TRADEMARKS  
WASHINGTON, D.C. 20231

SIR:

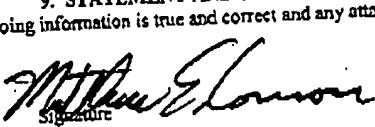
PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENT(S) OR COPY(IES) THEREOF.

1. NAME OF CONVEYING PARTY(IES)	2. NAME(S) AND ADDRESS(ES) OF RECEIVING PARTY(IES)
Timothy J. Brosnihan & Michael W. Judy	Analog Devices, Inc. One Technology Way P.O. Box 9106 Norwood, MA 02062-9106
Additional name(s) of conveying party(ies) attached? No	Additional name(s) of receiving party(ies) attached? No

3. NATURE OF CONVEYANCE	
<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Other	Execution Date: 01/09/02

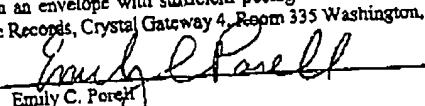
4. APPLICATION NUMBER(S) OR PATENT NUMBER(S)	
If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No(s): 09/921,456	B. Patent No(s):
C. Issue Batch No.: _____	D. Issue Date:
Additional numbers attached? No	

5. NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE CONCERNING DOCUMENT SHOULD BE DIRECTED:	6. TOTAL NUMBER OF APPLICATIONS AND PATENTS INVOLVED: 1
Matthew E. Connors Samuels, Gauthier & Stevens LLP 225 Franklin Street, Suite 3300 Boston, Massachusetts 02110 (617) 426-9180, Extension: 112	7. TOTAL FEE DUE: \$40.00 (Enclosed)  If any additional fee(s) are due, the Commissioner is hereby authorized to charge the Deposit Order Account noted in item 8.
8. DEPOSIT ACCOUNT NUMBER: 19-0079	

9. STATEMENT AND SIGNATURE	
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
Matthew E. Connors Name of Person Signing	 Date 1/15/02

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below in an envelope with sufficient postage addressed to the Assistant Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335 Washington, D.C. 20231.

Date: 01/15/02

  
 Emily C. Porell

### Analog 5683

## ASSIGNMENT

Know all men by these presents

WHEREAS we, Timothy J. Brosnihan  
112 Bacon Street  
Natick, MA01670

and

Michael W. Judy  
95 Chestnut Street  
Wakefield, MA 01880

have made an invention for

## BONDED WAFER OPTICAL MEMS PROCESS

BONDED WAFER OF FIGURE 11  
described in the application filed with the United States Patent and Trademark Office on August 3, 2001, as Serial No. 09/921,456. This application claims priority to U.S. Provisional Patent Application No. 60/222,751 filed on August 3, 2000, and

WHEREAS Analog Devices Inc., a corporation duly organized and existing under the laws of the Commonwealth of Massachusetts and having a place of business at One Technology Way, P.O. Box 9106, Norwood, Massachusetts 02062-9106, for the benefit of itself, its successors and assigns, all inclusively hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the said invention, the said application, all inventions disclosed in said application and any and all Letters Patent of the United States and of all other countries which may be granted for the said invention or inventions, or any of them;

NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign and transfer to the said Assignee the entire right, title and interest in and to the said invention, inventions and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them,

TO HAVE, HOLD AND ENJOY the said invention, the said application, and the said  
Letters Patent, to said **ANALOG DEVICES, INC.**

ANALOG DEVICES, INC.

its successors and assigns, to its and their own use and behoove to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

AND we hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on the said application or applications above referred to, or for the said invention, or any of them, to the said Assignee in accordance with the terms of this instrument.

AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee fully to secure to said Assignee its interests as aforesaid in and to the said invention or any part thereof and in and to the said patents or any of them.

AND we further covenant and agree that we will at any time upon request communicate to the said Assignee, its successors, assigns or other legal representatives, any facts known to us relating to the said invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

AND we hereby covenant for ourselves and our legal representatives that we have not hitherto assigned or granted any license to make, use or sell said invention, and that we will not henceforth purport to assign, license or execute any instrument to that effect in conflict with this assignment.

1/9/02

Date

Timothy J. Brosnihan

TIMOTHY J. BROSNIHAN

1/9/02

Date

Michael W. Judy

MICHAEL W. JUDY